



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

March 19, 2013

MEMORANDUM TO: All Prequalified Contractors

FROM: R. A. Garris, P. E.  
Contract Officer

A handwritten signature in black ink, appearing to read "R. A. Garris", written over the printed name.

SUBJECT: Upgrade to Expedite 5.11a

Please be advised that effective with the April 16, 2013 bid letting, the North Carolina Department of Transportation will be upgrading from Expedite 5.9b to Expedite 5.11a.

This new version of software will be available for download from either the NC Department of Transportation or the Bid Express web site. The links are listed below. **Before upgrading your software, please ensure you have backed up your digital id.** If you have not done so, this can be accomplished through the Tools menu under Digital ID's. It is recommended you then uninstall the Expedite 5.9b version to ensure no confusion in the future. Once you have installed Expedite 5.11a, you need to enter in your Bidder Information and Agency ID. The digital id backup file you created in the previous version will also need to be imported back in through the Tools menu under Digital ID's. If you do not feel comfortable with any of this procedure, please do not hesitate to contact the Bid Express helpdesk at (352) 381-4888 to have them walk you through this upgrade. The staff in the Contract Standards & Development Unit is also available for any further questions you may have concerning this transition at (919) 707-6900.

**Bid Express**

<http://www.bidx.com>

**NC Department of Transportation**

<https://connect.ncdot.gov/letting/Pages/EBS-Information.aspx>

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900  
FAX: 919-250-4119  
WEBSITE: [www.ncdot.gov](http://www.ncdot.gov)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON OCTOBER 15, 2013. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE  
<https://connect.ncdot.gov/letting/Pages/>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

**PREQUALIFYING TO BID:** ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS SEPTEMBER 17, 2013.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	John Rouse, P. E.	PO BOX 3165	WILSON	(252) 237-6164
00005	J. Wally Bowman, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Richard W Hancock, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

**Bid Letting Number** L131015

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C203423	45457.3.FS1	BERTIE	7.220 MI	MILLING, RESURFACING, AND PAVEMENT MARKINGS.
002	C203248	38527.3.FD1	GREENE	0.108 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
003	C203439	17BP.2.P.19	CARTERET, BEAUFORT, CRAVEN	0.880 MI	BRIDGE REHABILITATION.
004	C203432	17BP.4.P.1	HALIFAX, NORTHAMPTON, NASH	0.666 MI	BRIDGE PRESERVATION.
005	C203443	5CR.10921.47	WAKE	5.810 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
006	C203441	5CR.10921.48	WAKE	4.650 MI	MILLING, RESURFACING, AND SHOULDER GRADING.
007	C203246	38363.3.FD1	BLADEN	0.133 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
008	C203251	42255.3.FD1	COLUMBUS	0.317 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
009	C203247	38439.3.FS1	ROCKINGHAM	0.343 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
010	C203252	42337.3.FD1	CASWELL	0.148 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
011	C203307	42338.3.FD1	ROCKINGHAM	0.155 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
012	C203254	47033.3.FS1	ORANGE	7.465 MI	MILLING AND RESURFACING.
013	C203444	7CR.10171.35	ETC.CASWELL	14.832 MI	RESURFACING AND SHOULDER RECONSTRUCTION.
014	C203250	38569.3.FD1	RANDOLPH	0.185 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
015	C203311	43684.3.FR1	SCOTLAND	0.370 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
016	C203431	41665.6A	DAVIDSON	0.000 MI	BRIDGE PRESERVATION
017	C203253	51023.3.F1	ROWAN	0.000 MI	COMPUTERIZED SIGNAL SYSTEM.
*018	C203207	52000.3.STR02T4D	ROWAN	10.560 MI	GRADING, DRAINAGE, PAVING, C&G, SIGNALS, RET WALL, AND STR.
019	C203442	45825.3.1	SURRY	4.000 MI	MILLING AND RESURFACING.
020	C203446	11CR.10031.21	ETCALLEGHANY, ASHE	20.220 MI	RESURFACING & SHOULDER RECONSTRUCTION.
021	C203445	11CR.10141.21	ETC CALDWELL, WILKES	24.860 MI	MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
022	C203036	35022.3.FD1	HAYWOOD	1.420 MI	GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.
023	C203249	38537.3.FD1	HENDERSON	0.296 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
024	C203194	46138.3.FS1	HAYWOOD	4.856 MI	GRADING, DRAINAGE, PAVING, AND MEDIAN GUARDRAIL.

\* RPN 018 C203207 ROWAN: MANDATORY PRE-BID CONFERENCE ON FRIDAY, SEPTEMBER 27, 2013 FROM 9:00AM - 11:00AM AT NCDOT HIGHWAY DIVISION 9, DISTRICT 1 OFFICE, 4770 SOUTH MAIN STREET, SALISBURY, NC 28147, 704-639-7560.

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**

L131015 001

CONTRACT ID : C203423 45457.3.FS1

DIV OFFICE EDENTON

LENGTH = 7.220 MI

COUNTY : BERTIE

MILLING, RESURFACING, AND PAVEMENT MARKINGS.

DBE GOAL 0.0% COMPLETION DATE : AUG 29 2014

US-17 FROM SR-1364 TO THE CHOWAN RIVER BRIDGE

**ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
6	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
60	LF	15" RC PIPE CULVERTS, CLASS III
105	TON	INCIDENTAL STONE BASE
285,559	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
34,312	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,058	TON	ASPHALT BINDER FOR PLANT MIX
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
2	EA	FRAME WITH GRATE, STD 840.24
50	SY	6" CONCRETE DRIVEWAY
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
157.5	SF	GENERIC SIGNING ITEM WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
87,110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
82,840	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
204	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
169,950	LF	PAINT PAVEMENT MARKING LINES (4")
300	LF	PAINT PAVEMENT MARKING LINES (24")
204	EA	PAINT PAVEMENT MARKING SYMBOL
1,400	LF	INDUCTIVE LOOP SAWCUT
500	LF	LEAD-IN CABLE (*****) (14-2)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 002

CONTRACT ID : C203248 38527.3.FD1

DIV OFFICE GREENVILLE

LENGTH = 0.108 MI

COUNTY : GREENE

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 8.0% COMPLETION DATE : MAR 30 2015

BRIDGE #65 OVER APPLETREE SWAMP ON SR-1215 & BRIDGE #72 OVER APPLETREE SWAMP ON SR-1253.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+81.01)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+47.51)
Lump Sum	LS	GRADING
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING
700	CY	UNDERCUT EXCAVATION
700	CY	SELECT GRANULAR MATERIAL
800	SY	GEOTEXTILE FOR SOIL STABILIZATION
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
140	SY	FOUNDATION CONDITIONING GEOTEXTILE
56	LF	15" DRAINAGE PIPE
24	LF	15" RC PIPE CULVERTS, CLASS IV
200	TON	INCIDENTAL STONE BASE
310	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
190	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
120	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
35	TON	ASPHALT BINDER FOR PLANT MIX
100	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
44.8	CY	SUBDRAIN EXCAVATION
200	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
33.6	CY	SUBDRAIN COARSE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
2	EA	SUBDRAIN PIPE OUTLET
12	LF	6" OUTLET PIPE
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.29
105	LF	SHOULDER BERM GUTTER
40	LF	GENERIC PAVING ITEM
		SPECIAL SHOULDER BERM CURB
150	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
3	TON	RIP RAP, CLASS B
1,075	SY	GEOTEXTILE FOR DRAINAGE
458	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
400	LF	6" WATER LINE
400	LF	8" WATER LINE
2	EA	6" VALVE
2	EA	8" VALVE
2	EA	2" BLOW OFF
320	LF	ABANDON 6" UTILITY PIPE
322	LF	ABANDON 8" UTILITY PIPE
252	LF	TRENCHLESS INSTALLATION OF 6" IN SOIL
28	LF	TRENCHLESS INSTALLATION OF 6" NOT IN SOIL
252	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
28	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
1,350	LF	TEMPORARY SILT FENCE
265	TON	STONE FOR EROSION CONTROL, CLASS A
60	TON	STONE FOR EROSION CONTROL, CLASS B

200	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
400	LF	TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
110	CY	SILT EXCAVATION
1,725	SY	MATTING FOR EROSION CONTROL
200	SY	COIR FIBER MAT
470	LF	1/4" HARDWARE CLOTH
240	SY	FLOATING TURBIDITY CURTAIN
4	EA	SPECIAL STILLING BASINS
15	LF	WATTLE
280	LF	COIR FIBER WATTLE BARRIER
5	LB	POLYACRYLAMIDE (PAM)
1	ACR	SEEDING & MULCHING
0.4	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
0.75	TON	FERTILIZER TOPDRESSING
20	MHR	SPECIALIZED HAND MOWING
36	EA	RESPONSE FOR EROSION CONTROL
0.2	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+81.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+47.50-L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+81.00-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (17+47.50-L-)
62.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+81.00-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+47.50-L-)
9,754	LB	REINFORCING STEEL (BRIDGE)
1,225	LF	HP12X53 STEEL PILES
12	EA	PILE REDRIVES
260.5	LF	VERTICAL CONCRETE BARRIER RAIL
294	TON	RIP RAP CLASS II (2'-0" THICK)
286	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,300	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
1,940	SF	GENERIC STRUCTURE ITEM GALV 18" STEEL SHEET PILES

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 003

CONTRACT ID : C203439 17BP.2.P.19

DIV OFFICE GREENVILLE

LENGTH = 0.880 MI

COUNTY : CARTERET, BEAUFORT, CRAVEN

BRIDGE REHABILITATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #25 ON US-17, #13 ON US-70, AND #139 ON SR-1470.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
686	SF	WORK ZONE SIGNS (STATIONARY)
192	SF	WORK ZONE SIGNS (PORTABLE)
166	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	FLASHING ARROW BOARD
6	EA	PORTABLE CHANGEABLE MESSAGE SIGN
80	EA	DRUMS
25	EA	CONES
368	LF	BARRICADES (TYPE III)
50	HR	FLAGGER
1	EA	TMA
552	LS	APPROX ..... LBS STRUCTURAL STEEL
18.9	CF	CONCRETE REPAIRS
629.8	CF	SHOTCRETE REPAIRS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #13
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING AND REPAINTING BRIDGE #25
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
Lump Sum	LS	GENERIC STRUCTURE ITEM SPAN JACKING BRIDGE #25
144	LF	GENERIC STRUCTURE ITEM CONCRETE PILE JACKETS
876	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL FOR GIRDER REPAIR BRIDGE #25
6	EA	GENERIC STRUCTURE ITEM BEAM JACKING BRIDGE #25
10	EA	GENERIC STRUCTURE ITEM BEARING REPLACEMENT



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 004

CONTRACT ID : C203432 17BP.4.P.1

DIV OFFICE WILSON

LENGTH = 0.666 MI

COUNTY : HALIFAX, NORTHAMPTON, NASH

BRIDGE PRESERVATION.

MBE GOAL 0.0% WBE 0.0% COMPLETION DATE : NOV 15 2014

BRIDGES #64, 67, 79, 88, 91, 95, 100, 105, 107 IN HALIFAX, #222, 223 IN NASH ON I-95, &amp; #41, 43, 55 IN NORTHAMPTON.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
188	SF	WORK ZONE SIGNS (STATIONARY)
769	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW BOARD
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN
250	EA	DRUMS
30	EA	CONES
48	HR	FLAGGER
2	EA	TMA
1,440	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #100
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #105
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #107
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #222
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #223
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #41
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #43
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #55
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #64
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #67
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #79
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #88
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #91
Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING BRIDGE #95
Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 005

CONTRACT ID : C203443

5CR.10921.47

DIV OFFICE DURHAM

LENGTH = 5.810 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER GRADING.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : JUN 30 2014

NC-55 BYPASS FROM NORTH OF US-1 TO SOUTH OF SR-1114 (RALPH STEVENS RD).

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,398	CY	BORROW EXCAVATION
13.98	SMI	GENERIC GRADING ITEM SHOULDER GRADING
699	TON	INCIDENTAL STONE BASE
221,358	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
1,745	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6")
600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
27,341	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
20	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1,643	TON	ASPHALT BINDER FOR PLANT MIX
1,162	TON	PATCHING EXISTING PAVEMENT
3	EA	ADJUSTMENT OF MANHOLES
18	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
320	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
126	SF	GENERIC TRAFFIC CONTROL ITEM WORK ZONE ADVANCE/GENERAL WARNING SIGNING
84,550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
39,970	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
685	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
1,365	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
40	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
178	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
325	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
8	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (III)
325	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
8	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
15	EA	PERMANENT RAISED PAVEMENT MARKERS
1,780	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
1,016	LF	TEMPORARY SILT FENCE
2,540	LF	WATTLE
10.16	ACR	SEEDING & MULCHING
3,200	LF	INDUCTIVE LOOP SAWCUT

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 006

CONTRACT ID : C203441 5CR.10921.48

DIV OFFICE DURHAM

LENGTH = 4.650 MI

COUNTY : WAKE

MILLING, RESURFACING, AND SHOULDER GRADING.

MBE GOAL 5.0% WBE 6.0% COMPLETION DATE : JUL 31 2014

US-401 (LOUISBURG RD) FROM US-1 (CAPITAL BLVD) TO JOINT NORTH OF SR-2224 (MITCHELL MILL RD).

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
213	CY	BORROW EXCAVATION
2.13	SMI	GENERIC GRADING ITEM SHOULDER GRADING
107	TON	INCIDENTAL STONE BASE
278,667	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
32,805	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,935	TON	ASPHALT BINDER FOR PLANT MIX
1,396	TON	PATCHING EXISTING PAVEMENT
10	EA	ADJUSTMENT OF MANHOLES
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
240	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
206	SF	GENERIC TRAFFIC CONTROL ITEM WORK ZONE ADVANCE/GENERAL WARNING SIGNING
4,978	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
38,651	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
9,635	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
1,540	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
6,825	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,025	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,710	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
389	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
905	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (III)
905	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
45	EA	PERMANENT RAISED PAVEMENT MARKERS
2,202	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
155	LF	TEMPORARY SILT FENCE
390	LF	WATTLE
1.55	ACR	SEEDING & MULCHING
8,650	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 007

CONTRACT ID : C203246 38363.3.FD1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.133 MI

COUNTY : BLADEN

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #310 OVER BROWN'S CREEK ON SR-1806(FORMERLY SR-1700).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+70)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
400	CY	UNDERCUT EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
500	SY	GEOTEXTILE FOR SOIL STABILIZATION
320	SY	ROCK PLATING
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
80	SY	FOUNDATION CONDITIONING GEOTEXTILE
76	LF	15" DRAINAGE PIPE
4	EA	*** DRAINAGE PIPE ELBOWS (15")
164	LF	15" RC PIPE CULVERTS, CLASS III
36	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
250	SY	INCIDENTAL MILLING
270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
35	TON	ASPHALT BINDER FOR PLANT MIX
20	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
22.4	CY	SUBDRAIN EXCAVATION
100	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
16.8	CY	SUBDRAIN COARSE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
0.399	CY	PIPE COLLARS
5	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.24
4	EA	FRAME WITH TWO GRATES, STD 840.29
180	LF	SHOULDER BERM GUTTER
10	LF	GENERIC PAVING ITEM
		SPECIAL SHOULDER BERM CURB
275	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
10	TON	RIP RAP, CLASS I
10	TON	RIP RAP, CLASS B
615	SY	GEOTEXTILE FOR DRAINAGE
120.5	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1	EA	SIGN ERECTION, TYPE D
12	EA	SIGN ERECTION, TYPE E
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
396	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
1,452	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,427	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
19	EA	PERMANENT RAISED PAVEMENT MARKERS
2	EA	RECONNECT WATER METER
1	EA	RELOCATE FIRE HYDRANT

800	LF	TEMPORARY SILT FENCE
205	TON	STONE FOR EROSION CONTROL, CLASS A
75	TON	STONE FOR EROSION CONTROL, CLASS B
80	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
170	CY	SILT EXCAVATION
2,200	SY	MATTING FOR EROSION CONTROL
200	SY	COIR FIBER MAT
235	LF	1/4" HARDWARE CLOTH
20	SY	LOW PERMEABILITY GEOTEXTILE
335	SY	FLOATING TURBIDITY CURTAIN
180	LF	WATTLE
55	LB	POLYACRYLAMIDE (PAM)
50	LF	COIR FIBER BAFFLE
1	EA	*** SKIMMER (1-1/2")
1.5	ACR	SEEDING & MULCHING
0.7	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+70.00-L-)
1	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (13+70.00-L-)
5.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+70.00-L-)
434	LB	REINFORCING STEEL (BRIDGE)
630	LF	HP12X53 STEEL PILES
400	LF	HP14X73 GALVANIZED STEEL PILES
12	EA	PILE REDRIVES
895	SF	SHEET PILE RETAINING WALLS
180.5	LF	VERTICAL CONCRETE BARRIER RAIL
66	TON	RIP RAP, CLASS B
261	TON	RIP RAP CLASS II (2'-0" THICK)
295	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,080	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
121.99	LF	GENERIC STRUCTURE ITEM 3'-0" X 2'-6" PRESTR CONC BENT CAPS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 008

CONTRACT ID : C203251 42255.3.FD1

DIV OFFICE FAYETTEVILLE

LENGTH = 0.317 MI

COUNTY : COLUMBUS

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 9.0% COMPLETION DATE : FEB 15 2015

BRIDGES #94 & 95 OVER GRISETT CREEK ON SR-1005.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+97.50 -L-)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (27+04.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
600	CY	UNDERCUT EXCAVATION
1,400	CY	SELECT GRANULAR MATERIAL, CLASS III
700	SY	GEOTEXTILE FOR SOIL STABILIZA- TION
1,240	TON	ROCK EMBANKMENTS
780	SY	GEOTEXTILE FOR ROCK EMBANK- MENTS
108	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES
305	SY	FOUNDATION CONDITIONING GEO- TEXTILE
48	LF	15" DRAINAGE PIPE
4	EA	*** DRAINAGE PIPE ELBOWS (15")
32	LF	15" RC PIPE CULVERTS, CLASS IV
980	TON	#57 STONE
20	TON	INCIDENTAL STONE BASE
250	SY	INCIDENTAL MILLING
500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
700	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
70	TON	ASPHALT BINDER FOR PLANT MIX
23	CY	SUBDRAIN EXCAVATION
100	SY	GEOTEXTILE FOR SUBSURFACE DRAINS
17	CY	SUBDRAIN COARSE AGGREGATE
100	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
60	LF	SHOULDER BERM GUTTER
60	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM CURB
75	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE III
8	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	RIP RAP, CLASS B
730	SY	GEOTEXTILE FOR DRAINAGE
18	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
35	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
4	EA	SIGN ERECTION, TYPE E
15	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
465	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
112	LF	BARRICADES (TYPE III)
3,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
22	EA	PERMANENT RAISED PAVEMENT MARKERS
946	LF	8" WATER LINE
4	EA	8" VALVE
935	LF	ABANDON 8" UTILITY PIPE

383	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL
383	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL
4,700	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
75	TON	STONE FOR EROSION CONTROL, CLASS B
145	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
200	LF	TEMPORARY SLOPE DRAINS
2,000	LF	SAFETY FENCE
150	CY	SILT EXCAVATION
4,800	SY	MATTING FOR EROSION CONTROL
525	SY	COIR FIBER MAT
250	SY	PERMANENT SOIL REINFORCEMENT MAT
115	LF	1/4" HARDWARE CLOTH
800	SY	FLOATING TURBIDITY CURTAIN
4	EA	SPECIAL STILLING BASINS
210	LF	COIR FIBER WATTLE
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+97.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (27+04.00-L-)
2	EA	PDA TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (14+97.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (27+04.00-L-)
11.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+97.50-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+04.00-L-)
860	LB	REINFORCING STEEL (BRIDGE)
1,295	LF	HP12X53 STEEL PILES
960	LF	HP14X73 GALVANIZED STEEL PILES
8	EA	STEEL PILE POINTS
24	EA	PILE REDRIVES
326	LF	VERTICAL CONCRETE BARRIER RAIL
265	TON	RIP RAP, CLASS B
1,050	TON	RIP RAP CLASS II (2'-0" THICK)
1,170	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
853.88	LF	3'-0" X 1'-6" PRESTRESSED CONC CORED SLABS
935	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
225.98	LF	GENERIC STRUCTURE ITEM 3'-0" X 2'-6" PRESTR CONC BENT CAPS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 009

CONTRACT ID : C203247 38439.3.FS1

DIV OFFICE GREENSBORO

LENGTH = 0.343 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : JAN 11 2016

BRIDGE #150 OVER US-220 BUS ON US-220 NBL.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)
Lump Sum	LS	CONSTRUCTION SURVEYING	7	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (25+44.36)	1,200	LF	RELAPPING GUARDRAIL
Lump Sum	LS	GRADING	730	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	3	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
	200	CY UNDERCUT EXCAVATION	1	CY	PLAIN CONCRETE SIGN FOUNDATIONS
	200	CY SELECT GRANULAR MATERIAL	2,416	LB	SUPPORTS, BREAKAWAY STEEL BEAM
	500	SY GEOTEXTILE FOR SOIL STABILIZATION	208	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1,150	SF	TEMPORARY SHORING	2	EA	SIGN ERECTION, TYPE D
70	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	13	EA	SIGN ERECTION, TYPE E
210	SY	FOUNDATION CONDITIONING GEOTEXTILE	3	EA	SIGN ERECTION, TYPE F
416	LF	15" RC PIPE CULVERTS, CLASS III	8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
200	LF	15" CS PIPE CULVERTS, 0.064" THICK	1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	13	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
86	LF	PIPE REMOVAL	5	EA	DISPOSAL OF SIGN, A, B OR C (GROUND MOUNTED)
100	CY	SHALLOW UNDERCUT	1	EA	DISPOSAL OF SIGN, D, E OR F
200	TON	CLASS IV SUBGRADE STABILIZATION	1,700	SF	WORK ZONE SIGNS (STATIONARY)
500	TON	INCIDENTAL STONE BASE	848	SF	WORK ZONE SIGNS (PORTABLE)
380	SY	MILLING ASPHALT PAVEMENT, *** DEPTH (1-1/2")	56	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1,220	SY	MILLING ASPHALT PAVEMENT, *** TO ***** (0" TO 1-1/2")	4	EA	FLASHING ARROW BOARD
1,530	SY	INCIDENTAL MILLING	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
2,500	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	250	EA	DRUMS
980	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	100	EA	CONES
1,780	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	200	LF	BARRICADES (TYPE III)
10	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	100	DAY	FLAGGER
265	TON	ASPHALT BINDER FOR PLANT MIX	2	EA	TEMPORARY CRASH CUSHIONS
500	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	2	EA	TMA
7,350	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	2,830	LF	PORTABLE CONCRETE BARRIER
11.2	CY	SUBDRAIN EXCAVATION	700	EA	TEMPORARY RAISED PAVEMENT MARKERS
8.4	CY	SUBDRAIN FINE AGGREGATE	11,076	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
50	LF	6" PERFORATED SUBDRAIN PIPE	1,533	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1	EA	SUBDRAIN PIPE OUTLET	1,305	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
6	LF	6" OUTLET PIPE	1,116	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
4	EA	MASONRY DRAINAGE STRUCTURES	11,000	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
9.4	LF	MASONRY DRAINAGE STRUCTURES	34,000	LF	PAINT PAVEMENT MARKING LINES (4")
1	EA	FRAME WITH GRATE, STD 840.22	2,000	LF	PAINT PAVEMENT MARKING LINES (8")
4	EA	FRAME WITH TWO GRATES, STD 840.22	13,450	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	FRAME WITH COVER, STD 840.54	1,500	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
43	LF	SHOULDER BERM GUTTER	6	EA	PERMANENT RAISED PAVEMENT MARKERS
40	SY	4" CONCRETE PAVED DITCH	53	EA	SNOWPLOWABLE PAVEMENT MARKERS
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	4,100	LF	TEMPORARY SILT FENCE
237.5	LF	STEEL BM GUARDRAIL	255	TON	STONE FOR EROSION CONTROL, CLASS A
10	EA	ADDITIONAL GUARDRAIL POSTS	190	TON	STONE FOR EROSION CONTROL, CLASS B
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	270	TON	SEDIMENT CONTROL STONE
3	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	4	ACR	TEMPORARY MULCHING
2,787.5	LF	REMOVE & RESET EXISTING GUARDRAIL	150	LB	SEED FOR TEMPORARY SEEDING
380	LF	REMOVE EXISTING GUARDRAIL	0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	200	LF	TEMPORARY SLOPE DRAINS
			100	LF	SAFETY FENCE
			190	CY	SILT EXCAVATION
			7,565	SY	MATTING FOR EROSION CONTROL

115	SY	PERMANENT SOIL REINFORCEMENT MAT
975	LF	1/4" HARDWARE CLOTH
100	LF	WATTLE
65	LB	POLYACRYLAMIDE (PAM)
6.1	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
910	SY	SODDING
2.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

### STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (25+66.99-L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (25+66.99-L-)
11,045	SF	REINFORCED CONCRETE DECK SLAB
11,220	SF	GROOVING BRIDGE FLOORS
306.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+66.99-L-)
50,784	LB	REINFORCING STEEL (BRIDGE)
3,406	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
286,800	LS	APPROX ..... LBS STRUCTURAL STEEL
1,734	LF	HP12X53 STEEL PILES
532.1	LF	CONCRETE BARRIER RAIL
840	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 010

CONTRACT ID : C203252 42337.3.FD1

DIV OFFICE GREENSBORO

LENGTH = 0.148 MI

COUNTY : CASWELL

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : DEC 28 2015

BRIDGE #35 OVER N FORK RATTLESNAKE CREEK ON SR-1523 (BLANCH RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+90.50-L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
141	CY	DRAINAGE DITCH EXCAVATION
600	CY	SELECT GRANULAR MATERIAL
1,100	SY	GEOTEXTILE FOR SOIL STABILIZATION
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
40	SY	FOUNDATION CONDITIONING GEOTEXTILE
88	LF	15" DRAINAGE PIPE
4	EA	*** DRAINAGE PIPE ELBOWS (15")
20	LF	15" RC PIPE CULVERTS, CLASS IV
60	LF	PIPE REMOVAL
100	CY	SHALLOW UNDERCUT
200	TON	CLASS IV SUBGRADE STABILIZATION
335	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
315	GAL	PRIME COAT
530	SY	INCIDENTAL MILLING
280	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
430	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
45	TON	ASPHALT BINDER FOR PLANT MIX
8	EA	RIGHT OF WAY MARKERS
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
36	LF	SHOULDER BERM GUTTER
3	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM CURB
75	LF	STEEL BM GUARDRAIL
15	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
350	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)
4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
109	TON	RIP RAP, CLASS II
4	TON	RIP RAP, CLASS B
1,791	SY	GEOTEXTILE FOR DRAINAGE
92	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
1	EA	SIGN ERECTION, TYPE E
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
104	SF	WORK ZONE SIGNS (STATIONARY)
122	SF	WORK ZONE SIGNS (PORTABLE)
92	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
53	EA	DRUMS
68	EA	CONES
48	LF	BARRICADES (TYPE III)
48	DAY	FLAGGER
10	EA	SKINNY DRUM
38	EA	TEMPORARY RAISED PAVEMENT MARKERS
19,752	LF	PAINT PAVEMENT MARKING LINES (4")
984	LF	REMOVAL OF PAVEMENT MARKING LINES (4")

2,200	LF	TEMPORARY SILT FENCE
225	TON	STONE FOR EROSION CONTROL, CLASS A
520	TON	STONE FOR EROSION CONTROL, CLASS B
485	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
625	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
1,260	CY	SILT EXCAVATION
7,500	SY	MATTING FOR EROSION CONTROL
350	SY	COIR FIBER MAT
325	SY	PERMANENT SOIL REINFORCEMENT MAT
250	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
100	LF	WATTLE
100	LB	POLYACRYLAMIDE (PAM)
475	LF	COIR FIBER BAFFLE
6	EA	*** SKIMMER (1-1/2")
4	ACR	SEEDING & MULCHING
2	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (16+90.50-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+90.50-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+90.50-L-)
170.18	LF	3'-0" DIA DRILLED PIERS IN SOIL
59	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
129	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
6	EA	SID INSPECTIONS
6	EA	SPT TESTING
2	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+90.50-L-)
65	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+90.50-L-)
30,605	LB	REINFORCING STEEL (BRIDGE)
5,460	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
405	LF	HP12X53 STEEL PILES
270.75	LF	VERTICAL CONCRETE BARRIER RAIL
925	TON	RIP RAP CLASS II (2'-0" THICK)
1,015	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,350	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS



## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 011

CONTRACT ID : C203307 42338.3.FD1

DIV OFFICE GREENSBORO

LENGTH = 0.155 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : NOV 28 2014

BRIDGE #160 OVER BUFFALO CREEK ON SR-1354.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+53.00 -L-)			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
200	CY	UNDERCUT EXCAVATION			
200	CY	SELECT GRANULAR MATERIAL			
400	SY	GEOTEXTILE FOR SOIL STABILIZA- TION			
10	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES			
30	SY	FOUNDATION CONDITIONING GEO- TEXTILE			
28	LF	15" DRAINAGE PIPE			
2	EA	*** DRAINAGE PIPE ELBOWS (15")			
20	LF	18" SIDE DRAIN PIPE			
24	LF	15" RC PIPE CULVERTS, CLASS IV			
27	LF	PIPE REMOVAL			
20	TON	AGGREGATE BASE COURSE			
100	TON	INCIDENTAL STONE BASE			
15	GAL	PRIME COAT			
480	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
275	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
40	TON	ASPHALT BINDER FOR PLANT MIX			
9	EA	RIGHT OF WAY MARKERS			
25	CY	SUBDRAIN EXCAVATION			
20	CY	SUBDRAIN FINE AGGREGATE			
100	LF	6" PERFORATED SUBDRAIN PIPE			
1	EA	SUBDRAIN PIPE OUTLET			
6	LF	6" OUTLET PIPE			
2	EA	MASONRY DRAINAGE STRUCTURES			
2	EA	FRAME WITH TWO GRATES, STD 840.29			
52	LF	SHOULDER BERM GUTTER			
4	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM CURB			
75	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
9	TON	RIP RAP, CLASS I			
1	TON	RIP RAP, CLASS B			
990	SY	GEOTEXTILE FOR DRAINAGE			
76	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
2	EA	SIGN ERECTION, TYPE D			
1	EA	SIGN ERECTION, TYPE E			
9	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
414	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
80	LF	BARRICADES (TYPE III)			
7,800	LF	PAINT PAVEMENT MARKING LINES (4")			
600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
67	EA	SNOWPLOWABLE PAVEMENT MARKERS			
1,300	LF	TEMPORARY SILT FENCE			
165	TON	STONE FOR EROSION CONTROL, CLASS A			
445	TON	STONE FOR EROSION CONTROL, CLASS B			
270	TON	SEDIMENT CONTROL STONE			
2	ACR	TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			
1.25	TON	FERTILIZER FOR TEMPORARY SEED- ING			
200	LF	TEMPORARY SLOPE DRAINS			

100	LF	SAFETY FENCE			
240	CY	SILT EXCAVATION			
4,000	SY	MATTING FOR EROSION CONTROL			
300	SY	COIR FIBER MAT			
550	SY	PERMANENT SOIL REINFORCEMENT MAT			
375	LF	1/4" HARDWARE CLOTH			
4	EA	SPECIAL STILLING BASINS			
50	LF	WATTLE			
135	LB	POLYACRYLAMIDE (PAM)			
40	LF	COIR FIBER BAFFLE			
1	EA	*** SKIMMER (1-1/2")			
2	ACR	SEEDING & MULCHING			
1	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
1.25	TON	FERTILIZER TOPDRESSING			
10	MHR	SPECIALIZED HAND MOWING			
18	EA	RESPONSE FOR EROSION CONTROL			

## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+53.00-L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+53.00-L-)			
16.2	LF	3'-6" DIA DRILLED PIERS IN SOIL			
48	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL			
16.4	LF	PERMANENT STEEL CASING FOR 3'-6" DIA DRILLED PIER			
2	EA	PDA TESTING			
1	EA	SID INSPECTIONS			
1	EA	CSL TESTING			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+53.00-L-)			
80.8	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+53.00-L-)			
18,869	LB	REINFORCING STEEL (BRIDGE)			
2,463	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
250	LF	HP12X53 STEEL PILES			
10	EA	STEEL PILE POINTS			
320.3	LF	VERTICAL CONCRETE BARRIER RAIL			
271	TON	RIP RAP CLASS II (2'-0" THICK)			
301	SY	GEOTEXTILE FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			
900	LF	3'-0" X 3'-3" PRESTRESSED CONC BOX BEAMS			
540	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS			

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**

L131015 012

CONTRACT ID : C203254 47033.3.FS1

DIV OFFICE GREENSBORO

LENGTH = 7.465 MI

COUNTY : ORANGE

MILLING AND RESURFACING.

DBE GOAL 10.0% COMPLETION DATE : SEP 08 2014

I-85 FROM EAST OF I-40 TO DURHAM COUNTY.

**ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
237,591	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,153	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
19,012	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
69	TON	ASPHALT BINDER FOR PLANT MIX
1,084	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
134,690	SY	GENERIC PAVING ITEM FOG SEAL
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
176,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)
21,113	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
6,410	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)
45	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
192,943	LF	PAINT PAVEMENT MARKING LINES (6")
6,410	LF	PAINT PAVEMENT MARKING LINES (12")
45	LF	PAINT PAVEMENT MARKING LINES (24")
8	EA	PAINT PAVEMENT MARKING CHARAC- TER
20	EA	PAINT PAVEMENT MARKING SYMBOL
1,550	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
250	LF	UNPAVED TRENCHING (***** (1, 2")
4	EA	JUNCTION BOX (STANDARD SIZE)
962	LF	INDUCTIVE LOOP SAWCUT
225	LF	LEAD-IN CABLE (***** (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 013

CONTRACT ID : C203444 7CR.10171.35

DIV OFFICE GREENSBORO

LENGTH = 14.832 MI

COUNTY : CASWELL

RESURFACING AND SHOULDER RECONSTRUCTION.

MBE GOAL 4.0% WBE 5.0% COMPLETION DATE : SEP 15 2014

NC-62 FROM THE ALAMANCE COUNTY LINE TO SR-1751 &amp; SR-1156, AND 1 SECTION OF SECONDARY ROAD.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20	CY	BORROW EXCAVATION
1,152	TON	INCIDENTAL STONE BASE
9.98	SMI	SHOULDER RECONSTRUCTION
1,092	SY	INCIDENTAL MILLING
5,352	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,369	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,332	TON	ASPHALT BINDER FOR PLANT MIX
48,516	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
141,061	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
1,792	SF	GENERIC TRAFFIC CONTROL ITEM WORK ZONE ADVANCE/GENERAL WARNING SIGNING
65,875	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
51,571	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
432	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
388,290	LF	PAINT PAVEMENT MARKING LINES (4")
750	EA	PERMANENT RAISED PAVEMENT MARKERS
450	EA	SNOWPLOWABLE PAVEMENT MARKERS
1.81	ACR	SEEDING & MULCHING
1.81	ACR	RESIDENTIAL SEEDING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 014

CONTRACT ID : C203250 38569.3.FD1

DIV OFFICE ABERDEEN

LENGTH = 0.185 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE #37 OVER JACKSON CREEK ON SR-1311 (BESCHER CHAPEL RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (15+03)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
190	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
500	SY	GEOTEXTILE FOR SOIL STABILIZATION
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
28	LF	15" RC PIPE CULVERTS, CLASS III
28	LF	15" CS PIPE CULVERTS, 0.064" THICK
2	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")
200	SY	INCIDENTAL MILLING
350	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
243	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
315	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
49	TON	ASPHALT BINDER FOR PLANT MIX
17	EA	RIGHT OF WAY MARKERS
90	CY	SUBDRAIN EXCAVATION
68	CY	SUBDRAIN FINE AGGREGATE
400	LF	6" PERFORATED SUBDRAIN PIPE
1	EA	SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE
3	EA	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.29
110	LF	SHOULDER BERM GUTTER
16	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM CURB
175	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
220	TON	RIP RAP, CLASS B
1,930	SY	GEOTEXTILE FOR DRAINAGE
63	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
335	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
64	LF	BARRICADES (TYPE III)
7,800	LF	PAINT PAVEMENT MARKING LINES (4")
675	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
190	TON	STONE FOR EROSION CONTROL, CLASS B
395	TON	SEDIMENT CONTROL STONE
3.5	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
200	LF	TEMPORARY SLOPE DRAINS
200	LF	SAFETY FENCE
350	CY	SILT EXCAVATION
8,100	SY	MATTING FOR EROSION CONTROL
400	SY	COIR FIBER MAT

365	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
345	LF	WATTLE
145	LB	POLYACRYLAMIDE (PAM)
155	LF	COIR FIBER BAFFLE
3	EA	*** SKIMMER (1-1/2")
3.5	ACR	SEEDING & MULCHING
1.7	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
75	LB	SEED FOR SUPPLEMENTAL SEEDING
2.25	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (15+03.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+03.00-L-)
18	LF	PILE EXCAVATION IN SOIL
12	LF	PILE EXCAVATION NOT IN SOIL
39.5	LF	3'-0" DIA DRILLED PIERS IN SOIL
42	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
41	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (15+03.00-L-)
79.9	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+03.00-L-)
23,879	LB	REINFORCING STEEL (BRIDGE)
3,013	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
150	LF	HP12X53 STEEL PILES
280.5	LF	VERTICAL CONCRETE BARRIER RAIL
505	TON	RIP RAP CLASS II (2'-0" THICK)
560	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
700	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
700	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 015

CONTRACT ID : C203311 43684.3.FR1

DIV OFFICE ABERDEEN

LENGTH = 0.370 MI

COUNTY : SCOTLAND

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : FEB 15 2016

BRIDGE #18 OVER LEITH'S CREEK ON US-501.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+52 -L-)
2,800	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
5,300	CY	SELECT GRANULAR MATERIAL, CLASS III
150	SY	GEOTEXTILE FOR SOIL STABILIZATION
555	SF	TEMPORARY SHORING
1,350	LF	GENERIC GRADING ITEM TEMPORARY SHORING FOR UNDERCUT
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
20	SY	FOUNDATION CONDITIONING GEOTEXTILE
24	LF	15" SIDE DRAIN PIPE
60	LF	15" RC PIPE CULVERTS, CLASS IV
22	LF	PIPE REMOVAL
100	TON	INCIDENTAL STONE BASE
1,480	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
840	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,050	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
170	TON	ASPHALT BINDER FOR PLANT MIX
13	EA	RIGHT OF WAY MARKERS
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.20
24	LF	SHOULDER BERM GUTTER
1,087.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
212.5	LF	TEMPORARY STEEL BM GUARDRAIL
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
750	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
48	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
35	EA	DRUMS
48	LF	BARRICADES (TYPE III)
1,920	HR	FLAGGER
48	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,379	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,930	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,380	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (II)
15,320	LF	PAINT PAVEMENT MARKING LINES (4")
400	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
24	EA	PERMANENT RAISED PAVEMENT MARKERS
2,100	LF	TEMPORARY SILT FENCE
135	TON	STONE FOR EROSION CONTROL, CLASS A

300	TON	STONE FOR EROSION CONTROL, CLASS B
255	TON	SEDIMENT CONTROL STONE
5	ACR	TEMPORARY MULCHING
250	LB	SEED FOR TEMPORARY SEEDING
1	TON	FERTILIZER FOR TEMPORARY SEEDING
720	LF	TEMPORARY SLOPE DRAINS
1,050	LF	SAFETY FENCE
20	CY	SILT EXCAVATION
1,000	SY	MATTING FOR EROSION CONTROL
400	SY	COIR FIBER MAT
2,250	SY	PERMANENT SOIL REINFORCEMENT MAT
190	LF	1/4" HARDWARE CLOTH
80	SY	FLOATING TURBIDITY CURTAIN
6	EA	SPECIAL STILLING BASINS
70	LF	COIR FIBER WATTLE
90	LB	POLYACRYLAMIDE (PAM)
5	ACR	SEEDING & MULCHING
3	ACR	MOWING
100	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
175	LB	SEED FOR SUPPLEMENTAL SEEDING
4.75	TON	FERTILIZER TOPDRESSING
860	LF	IMPERVIOUS DIKE
10	MHR	SPECIALIZED HAND MOWING
25	EA	RESPONSE FOR EROSION CONTROL
0.6	ACR	REFORESTATION
0.6	ACR	GENERIC EROSION CONTROL ITEM DISKING
0.6	ACR	GENERIC EROSION CONTROL ITEM RIPPING

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (19+52.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (19+52.00-L-)
1	EA	PDA TESTING
8,362	SF	REINFORCED CONCRETE DECK SLAB
8,344	SF	GROOVING BRIDGE FLOORS
113	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+52.00-L-)
17,317	LB	REINFORCING STEEL (BRIDGE)
1,170	LF	36" PRESTRESSED CONCRETE GIRDER
840	LF	HP12X53 STEEL PILES
1,480	LF	HP14X73 GALVANIZED STEEL PILES
38	EA	PILE REDRIVES
435.8	LF	VERTICAL CONCRETE BARRIER RAIL
703	TON	RIP RAP CLASS II (2'-0" THICK)
781	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 016

CONTRACT ID : C203431 41665.6A

DIV OFFICE WINSTON-SALEM

LENGTH = 0.000 MI

COUNTY : DAVIDSON

BRIDGE PRESERVATION

MBE GOAL 0.0% WBE 2.0% COMPLETION DATE : AUG 01 2014

BRIDGE #31 ON NC-8 AND BRIDGE #55 &amp; 82 ON NC-47.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
453	SY	INCIDENTAL MILLING
40	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2	TON	ASPHALT BINDER FOR PLANT MIX
75	LF	STEEL BM GUARDRAIL
12	EA	GUARDRAIL ANCHOR UNITS, TYPE III
12	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
982	SF	WORK ZONE SIGNS (STATIONARY)
310	SF	WORK ZONE SIGNS (PORTABLE)
202	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	FLASHING ARROW BOARD
1	EA	PORTABLE CHANGEABLE MESSAGE SIGN
30	EA	DRUMS
80	LF	BARRICADES (TYPE III)
2	EA	TMA
4,000	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (STANDARD GLASS BEADS)
18	EA	PERMANENT RAISED PAVEMENT MARKERS
9,113	SF	REINFORCED CONCRETE DECK SLAB (SAND LIGHTWEIGHT CONC)
9,111	SF	GROOVING BRIDGE FLOORS
138,224	LS	APPROX ..... LBS STRUCTURAL STEEL
55	SY	METHOD A WATERPROOFING
649.7	LF	ONE BAR METAL RAIL
54	TON	RIP RAP CLASS II (2'-0" THICK)
79	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE APPROACH SLABS AT BRIDGE #31
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE APPROACH SLABS AT BRIDGE #55
Lump Sum	LS	GENERIC STRUCTURE ITEM BRIDGE APPROACH SLABS AT BRIDGE #82
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE AT BRIDGE #31
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE AT BRIDGE #55
Lump Sum	LS	GENERIC STRUCTURE ITEM PARTIAL REMOVAL OF EXISTING STRUCTURE AT BRIDGE #82
Lump Sum	LS	GENERIC STRUCTURE ITEM UNCLASSIFIED STRUCTURE EXCAVATION AT BRIDGE #31
Lump Sum	LS	GENERIC STRUCTURE ITEM UNCLASSIFIED STRUCTURE EXCAVATION AT BRIDGE #55
Lump Sum	LS	GENERIC STRUCTURE ITEM UNCLASSIFIED STRUCTURE EXCAVATION AT BRIDGE #82
649.7	LF	GENERIC STRUCTURE ITEM 1'-0" X 1'-6" CONCRETE PARAPET (SAND LIGHTWEIGHT CONC)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 017

CONTRACT ID : C203253 51023.3.F1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.000 MI

COUNTY : ROWAN

COMPUTERIZED SIGNAL SYSTEM.

DBE GOAL 3.0% COMPLETION DATE : APR 01 2015

SALISBURY.

**ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
20	SY	4" CONCRETE SIDEWALK
320	SF	WORK ZONE SIGNS (PORTABLE)
143	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	FLASHING ARROW BOARD
2	EA	PORTABLE CHANGEABLE MESSAGE SIGN
60	EA	DRUMS
40	EA	CONES
80	LF	BARRICADES (TYPE III)
2,880	HR	FLAGGER
2	EA	TMA
1,440	HR	LAW ENFORCEMENT
40	EA	SKINNY DRUM
26	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN DARK GREEN FINISH)
2	EA	PEDESTRIAN SIGNAL HEAD (**, ** SECTION) (16", 1 SECTION W/ COUNTDOWN)
19,320	LF	SIGNAL CABLE
85	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
72	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
4	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
550	LF	TRACER WIRE
525	LF	UNPAVED TRENCHING (***** (2, 2")
670	LF	DIRECTIONAL DRILL (***** (2, 2")
3	EA	JUNCTION BOX (***** (OVERSIZED)
2	EA	JUNCTION BOX (STANDARD SIZE)
2	EA	2" RISER WITH WEATHERHEAD
2	EA	HEAT SHRINK TUBING RETROFIT KIT
100	LF	LEAD-IN CABLE (***** (14-2)
700	LF	DROP CABLE
9	EA	SPLICE ENCLOSURE
1	EA	DELINEATOR MARKER
2	EA	NEW ELECTRICAL SERVICE
9	EA	SIGN FOR SIGNALS
14	EA	SIGNAL CABINET FOUNDATION
2	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
31	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET
12	EA	CONTROLLER WITH CABINET (***** (2070L 332 BASE MOUNTED, PAINTED FINISH)
326	EA	DETECTOR CARD (TYPE 2070L)
51	EA	CABINET BASE EXTENDER
16	EA	CABINET BASE ADAPTER
59	EA	GENERIC SIGNAL ITEM 5/8" X 10" GROUNDING ELECTRODE
2	EA	GENERIC SIGNAL ITEM 900MHZ ETHERNET RADIO
1	EA	GENERIC SIGNAL ITEM BACKUP STORAGE SERVER
1	EA	GENERIC SIGNAL ITEM CABINET BASE ADAPTER (PAINTED FINISH)
7	EA	GENERIC SIGNAL ITEM CABINET BASE EXTENDER (PAINTED FINISH)
1	EA	GENERIC SIGNAL ITEM CCTV CONTROL PANEL
1	EA	GENERIC SIGNAL ITEM CCTV VIDEO SERVER
2	EA	GENERIC SIGNAL ITEM CCTV WOOD POLE (50')

1	EA	GENERIC SIGNAL ITEM COMPUTER WORKSTATION
6	EA	GENERIC SIGNAL ITEM CONTROLLER W/ CABINET & AUX FILE (2070L, 332 BASE MTD, PAINTED FINISH)
13	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET (2070L, BASE MOUNTED)
52	EA	GENERIC SIGNAL ITEM CONTROLLER WITH CABINET AND AUX FILE (2070L, 332 BASE MOUNTED)
1	EA	GENERIC SIGNAL ITEM CONTROLLER WITH RECONFIGURED CABINET (2070L, 332 BASE MOUNTED)
1	EA	GENERIC SIGNAL ITEM CORE ETHERNET SWITCH
5	EA	GENERIC SIGNAL ITEM DIGITAL CCTV CAMERA ASSEMBLY
1	EA	GENERIC SIGNAL ITEM DISTRIBUTED PROCESSING SIGNAL SYSTEM SERVER
10	EA	GENERIC SIGNAL ITEM ELECTRICAL SERVICE & CABINET FOUNDATION FOR DOWNTOWN TRAFIC SIGNAL
1	EA	GENERIC SIGNAL ITEM EQUIPMENT RACK CABINET
87	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH
3	EA	GENERIC SIGNAL ITEM FURNISH 2070L CONTROLLER
3	EA	GENERIC SIGNAL ITEM FURNISH AC ISOLATOR CARD
2	EA	GENERIC SIGNAL ITEM FURNISH BASE MOUNT 332 CABINET
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV ASSEMBLY
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV TEST CABINET
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV TEST MONITOR
3	EA	GENERIC SIGNAL ITEM FURNISH CONFLICT MONITOR
1	EA	GENERIC SIGNAL ITEM FURNISH CONTROLLER TESTER
3	EA	GENERIC SIGNAL ITEM FURNISH DC ISOLATOR CARD
6	EA	GENERIC SIGNAL ITEM FURNISH DETECTOR CARD
5	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC INTERCONNECT CENTER
10	EA	GENERIC SIGNAL ITEM FURNISH FIELD ETHERNET SWITCH
4	EA	GENERIC SIGNAL ITEM FURNISH FLASH TRANSFER RELAY
2	EA	GENERIC SIGNAL ITEM FURNISH FLASHER MODULE
3	EA	GENERIC SIGNAL ITEM FURNISH LOAD SWITCH
1	EA	GENERIC SIGNAL ITEM FURNISH POLE MOUNT 336 CABINET
1	EA	GENERIC SIGNAL ITEM FURNISH SIGNAL MONITOR TESTER
8	EA	GENERIC SIGNAL ITEM FURNISH ST JUMPERS
8	EA	GENERIC SIGNAL ITEM FURNISH ST PIGTAILS
8	EA	GENERIC SIGNAL ITEM FURNISH ST SPLICE CONNECTOR
8	EA	GENERIC SIGNAL ITEM FURNISH ST-LC HYBRID JUMPERS
10	EA	GENERIC SIGNAL ITEM FURNISH SURGE PROTECTOR
1	EA	GENERIC SIGNAL ITEM FURNISH TEST CABINET/CONTROLLER

12	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (OVER- SIZED)
75	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (STANDARD)
1	EA	GENERIC SIGNAL ITEM KVM SWITCH
4	EA	GENERIC SIGNAL ITEM LCD VIDEO MONITOR
17	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE
7	EA	GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE ENCLO- SURE OR INTERCONNECT CENTER
1	EA	GENERIC SIGNAL ITEM NETWORK ETHERNET SWITCH
3	EA	GENERIC SIGNAL ITEM NOTEBOOK COMPUTER
5	EA	GENERIC SIGNAL ITEM POLE MOUNTED CCTV EQUIPMENT CABINET
1	EA	GENERIC SIGNAL ITEM PRINTER
1	EA	GENERIC SIGNAL ITEM REMOTE ACCESS SERVER
1	EA	GENERIC SIGNAL ITEM SIGNAL SYSTEM COMMUNICATIONS SERVER
10	EA	GENERIC SIGNAL ITEM TERMINAL SPLICE BOX
1	EA	GENERIC SIGNAL ITEM VIDEO MONITOR PROCESSOR UNIT
1	EA	GENERIC SIGNAL ITEM VPN FIREWALL
Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SYSTEM SOFTWARE
Lump Sum	LS	GENERIC SIGNAL ITEM COMPUTER HARDWARE INTEGRATION
Lump Sum	LS	GENERIC SIGNAL ITEM LAN INTEGRATION
Lump Sum	LS	GENERIC SIGNAL ITEM SIGNAL SYSTEM SOFTWARE
Lump Sum	LS	GENERIC SIGNAL ITEM SYSTEM SUPPORT SOFTWARE
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
240	LF	GENERIC SIGNAL ITEM ETHERNET CABLE
100	SF	GENERIC SIGNAL ITEM BRICK PAVERS



## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 018

CONTRACT ID : C203207  
COUNTY : ROWAN

52000.3.STR02T4D

DIV OFFICE WINSTON-SALEM

LENGTH = 10.560 MI

GRADING, DRAINAGE, PAVING, C&amp;G, SIGNALS, RET WALL, AND STR.

DBE GOAL 10.0% COMPLETION DATE : MAY 15 2017

NORTH CAROLINA RR / NORFOLK SOUTHERN MAINLINE REID TO NORTH KANNAPOLIS RAILROAD  
ROADBED (MP-337 TO MP-348.3).

ROADWAY ITEMS					
			2	EA	GENERIC PIPE ITEM 30" BCCM PIPE ELBOWS, 0.079" THICK
Lump Sum	LS	MOBILIZATION	1,625	LF	PIPE REMOVAL
Lump Sum	LS	CONSTRUCTION SURVEYING	4	EA	PIPE CLEAN-OUT
Lump Sum	LS	GRADING	1,060	TON	#57 STONE
	4	ACR	3,250	CY	SHALLOW UNDERCUT
			6,850	TON	CLASS IV SUBGRADE STABILIZA- TION
10,400	CY	UNDERCUT EXCAVATION	1,100	TON	STABILIZER AGGREGATE
27	EA	EMBANKMENT SETTLEMENT GAUGES	269	TON	AGGREGATE BASE COURSE
1,530	CY	DRAINAGE DITCH EXCAVATION	4,460	TON	INCIDENTAL STONE BASE
260	LF	BERM DITCH CONSTRUCTION	72	GAL	PRIME COAT
6,200	CY	SELECT GRANULAR MATERIAL	3,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
7,100	SY	GEOTEXTILE FOR SOIL STABILIZA- TION	13,285	SY	INCIDENTAL MILLING
3,760	SF	TEMPORARY SHORING	6,205	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
100	TON	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	1,640	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
837	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	3,550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,360	SY	FOUNDATION CONDITIONING GEO- TEXTILE	571	TON	ASPHALT BINDER FOR PLANT MIX
68	LF	15" DRAINAGE PIPE	925	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
360	LF	15" RC PIPE CULVERTS, CLASS III	109	EA	RIGHT OF WAY MARKERS
304	LF	24" RC PIPE CULVERTS, CLASS III	403.2	CY	SUBDRAIN EXCAVATION
60	LF	30" RC PIPE CULVERTS, CLASS III	302.4	CY	SUBDRAIN FINE AGGREGATE
44	LF	36" RC PIPE CULVERTS, CLASS III	1,800	LF	6" PERFORATED SUBDRAIN PIPE
1,106	LF	15" RC PIPE CULVERTS, CLASS IV	15	EA	SUBDRAIN PIPE OUTLET
8	LF	18" RC PIPE CULVERTS, CLASS IV	351	LF	6" OUTLET PIPE
684	LF	30" RC PIPE CULVERTS, CLASS IV	117	CY	ENDWALLS
32	LF	36" RC PIPE CULVERTS, CLASS IV	15	CY	REINFORCED ENDWALLS
68	LF	15" CS PIPE CULVERTS, 0.064" THICK	336	CY	FLOWABLE FILL
196	LF	18" CS PIPE CULVERTS, 0.064" THICK	49	EA	MASONRY DRAINAGE STRUCTURES
56	LF	30" CS PIPE CULVERTS, 0.079" THICK	11.97	LF	MASONRY DRAINAGE STRUCTURES
100	LF	GENERIC PIPE ITEM 30" BCCM PIPE CULVERT, 0.079" THICK	1	EA	FRAME WITH GRATE, STD 840.24
251	LF	GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.5" THICK, GRADE B, IN SOIL	8	EA	FRAME WITH TWO GRATES, STD 840.16
251	LF	GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.5" THICK, GRADE B, NOT IN SOIL	2	EA	FRAME WITH TWO GRATES, STD 840.24
290	LF	GENERIC PIPE ITEM 36" WELDED STEEL PIPE, 0.5" THICK, GRADE B, OPEN CUT	9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
85	LF	GENERIC PIPE ITEM 42" WELDED STEEL PIPE, 0.625" THICK, GRADE B, IN SOIL	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
85	LF	GENERIC PIPE ITEM 42" WELDED STEEL PIPE, 0.625" THICK, GRADE B, NOT IN SOIL	10	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
213	LF	GENERIC PIPE ITEM 42" WELDED STEEL PIPE, 0.625" THICK, GRADE B, OPEN CUT	11	EA	FRAME WITH COVER, STD 840.54
40	LF	GENERIC PIPE ITEM 48" WELDED STEEL PIPE, 0.625" THICK, GRADE B, IN SOIL	4	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
40	LF	GENERIC PIPE ITEM 48" WELDED STEEL PIPE, 0.625" THICK, GRADE B, NOT IN SOIL	5,265	LF	GENERIC DRAINAGE ITEM SUBSURFACE DRAIN
64	LF	GENERIC PIPE ITEM 48" WELDED STEEL PIPE, 0.625" THICK, GRADE B, OPEN CUT	580	LF	***X*** CONCRETE CURB (8" X 12")
25	LF	GENERIC PIPE ITEM 54" WELDED STEEL PIPE, 0.75" THICK, GRADE B, IN SOIL	500	LF	1'-6" CONCRETE CURB & GUTTER
25	LF	GENERIC PIPE ITEM 54" WELDED STEEL PIPE, 0.75" THICK, GRADE B, NOT IN SOIL	6,495	LF	2'-6" CONCRETE CURB & GUTTER
90	LF	GENERIC PIPE ITEM 54" WELDED STEEL PIPE, 0.75" THICK, GRADE B, OPEN CUT	2	EA	MODIFIED CONCRETE FLUME
			3,275	SY	4" CONCRETE SIDEWALK
			47	EA	CONCRETE CURB RAMP
			490	SY	6" CONCRETE DRIVEWAY
			10	SY	4" CONCRETE PAVED DITCH
			380	SY	GENERIC PAVING ITEM SPECIAL MONOLITHIC CONCRETE ISLAND
			1	EA	GENERIC PAVING ITEM CONCRETE FLUME
			24	EA	GENERIC PAVING ITEM PRECAST CONCRETE PARKING BUMP- ER
			12	EA	ADJUSTMENT OF MANHOLES
			20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			1	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN

			1.5	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
			4,314	LF	6" WATER LINE
			432	LF	8" WATER LINE
			742	LF	12" WATER LINE
			9	EA	6" VALVE
			2	EA	12" VALVE
			1	EA	4" TAPPING VALVE
			4	EA	6" TAPPING VALVE
			1	EA	8" TAPPING VALVE
			2	EA	2" AIR RELEASE VALVE
			2	EA	2" BLOW OFF
			11	EA	RELOCATE WATER METER
			24	EA	RECONNECT WATER METER
			1	EA	FIRE HYDRANT
			10	EA	RELOCATE FIRE HYDRANT
			1,188	LF	8" SANITARY GRAVITY SEWER
			10	LF	2" FORCE MAIN SEWER
			460	LF	6" FORCE MAIN SEWER
			195	LF	8" FORCE MAIN SEWER
			4	EA	SANITARY SEWER CLEAN-OUT
			12	EA	4" DIA UTILITY MANHOLE
			46	LF	UTILITY MANHOLE WALL, 4' DIA
			2,388	LF	ABANDON 6" UTILITY PIPE
			1,915	LF	ABANDON 8" UTILITY PIPE
			1,007	LF	ABANDON 12" UTILITY PIPE
			100	LF	ABANDON 18" UTILITY PIPE
			5	EA	REMOVE WATER METER
			2	EA	REMOVE FIRE HYDRANT
			1	EA	ABANDON UTILITY MANHOLE
			4	EA	REMOVE UTILITY MANHOLE
			700	LF	16" ENCASEMENT PIPE
			535	LF	18" ENCASEMENT PIPE
			96	LF	20" ENCASEMENT PIPE
			510	LF	24" ENCASEMENT PIPE
			351	LF	TRENCHLESS INSTALLATION OF 16" IN SOIL
			349	LF	TRENCHLESS INSTALLATION OF 16" NOT IN SOIL
			268	LF	TRENCHLESS INSTALLATION OF 18" IN SOIL
			267	LF	TRENCHLESS INSTALLATION OF 18" NOT IN SOIL
			175	LF	TRENCHLESS INSTALLATION OF 24" IN SOIL
			175	LF	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL
			66,600	LF	TEMPORARY SILT FENCE
			28,000	TON	STONE FOR EROSION CONTROL, CLASS A
			17,180	TON	STONE FOR EROSION CONTROL, CLASS B
			7,720	TON	SEDIMENT CONTROL STONE
			214.5	ACR	TEMPORARY MULCHING
			5,050	LB	SEED FOR TEMPORARY SEEDING
			22.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			3,215	LF	TEMPORARY SLOPE DRAINS
			600	LF	SAFETY FENCE
			47,800	CY	SILT EXCAVATION
			255,420	SY	MATTING FOR EROSION CONTROL
			235	SY	COIR FIBER MAT
			2,200	SY	PERMANENT SOIL REINFORCEMENT MAT
			4,640	LF	1/4" HARDWARE CLOTH
			24	EA	SPECIAL STILLING BASINS
			140	LF	WATTLE
			9,490	LF	COIR FIBER WATTLE
			8,640	LB	POLYACRYLAMIDE (PAM)
			2,390	LF	COIR FIBER BAFFLE
			15	EA	*** SKIMMER (1-1/2")
			3	EA	*** SKIMMER (2")
			1	EA	*** SKIMMER (2-1/2")
			210	ACR	SEEDING & MULCHING
			132	ACR	MOWING
			2,200	LB	SEED FOR REPAIR SEEDING
			6.25	TON	FERTILIZER FOR REPAIR SEEDING
			3,250	LB	SEED FOR SUPPLEMENTAL SEEDING
			96.75	TON	FERTILIZER TOPDRESSING
			80	MHR	SPECIALIZED HAND MOWING
			350	EA	RESPONSE FOR EROSION CONTROL
			30	EA	GENERIC EROSION CONTROL ITEM SUPPLEMENTAL RESPONSE FOR EROSION CONTROL
			4,060	LF	SIGNAL CABLE
			38	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
5	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO TRAFFIC BEARING JUNCTION BOX WITH MANHOLE			
462.5	LF	STEEL BM GUARDRAIL			
20	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			
15	EA	ADDITIONAL GUARDRAIL POSTS			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
179	LF	REMOVE EXISTING GUARDRAIL			
312	LF	CHAIN LINK FENCE, 48" FABRIC			
27	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE			
3	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE			
190	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (60")			
7	EA	GENERIC FENCING ITEM RIGHT OF WAY GATE			
1,530	TON	RIP RAP, CLASS I			
808	TON	RIP RAP, CLASS B			
9,640	SY	GEOTEXTILE FOR DRAINAGE			
5,670	TF	RAILROAD TRACK TO BE REMOVED			
127,390	TON	GENERIC TRACKWORK ITEM SUB-BALLAST			
345	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
57	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (F)			
755	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
7	EA	SUPPORTS, 2-LB STEEL U-CHANNEL			
12	EA	SIGN ERECTION, TYPE D			
75	EA	SIGN ERECTION, TYPE E			
35	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
1,952	SF	WORK ZONE SIGNS (STATIONARY)			
950	SF	WORK ZONE SIGNS (PORTABLE)			
269	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
1	EA	FLASHING ARROW BOARD			
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
189	EA	DRUMS			
165	EA	CONES			
926	LF	BARRICADES (TYPE III)			
135	DAY	FLAGGER			
1,640	LF	PORTABLE CONCRETE BARRIER (ANCHORED)			
101	EA	SKINNY DRUM			
152	EA	TUBULAR MARKERS (FIXED)			
5,818	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
18,829	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
945	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
265	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)			
824	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)			
1,095	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
10	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)			
54	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
29,386	LF	PAINT PAVEMENT MARKING LINES (4")			
378	LF	PAINT PAVEMENT MARKING LINES (8")			
448	LF	PAINT PAVEMENT MARKING LINES (16")			
785	LF	PAINT PAVEMENT MARKING LINES (24")			
20	EA	PAINT PAVEMENT MARKING CHARAC- TER			
26	EA	PAINT PAVEMENT MARKING SYMBOL			
10,422	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
24	LF	REMOVAL OF PAVEMENT MARKING LINES (24")			
4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			
401	EA	PERMANENT RAISED PAVEMENT MARKERS			

7	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
80	LF	MESSENGER CABLE (1/4")
1,150	LF	MESSENGER CABLE (3/8")
120	LF	PAVED TRENCHING (*****) (1, 2")
2,470	LF	UNPAVED TRENCHING (*****) (1, 2")
130	LF	DIRECTIONAL DRILL (*****) (1, 2")
310	LF	DIRECTIONAL DRILL (*****) (2, 2")
41	EA	JUNCTION BOX (STANDARD SIZE)
8	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
10	EA	WOOD POLE
22	EA	GUY ASSEMBLY
3	EA	1" RISER WITH WEATHERHEAD
15	EA	2" RISER WITH WEATHERHEAD
3,590	LF	INDUCTIVE LOOP SAWCUT
7,135	LF	LEAD-IN CABLE (*****) (14-2)
2	EA	METAL POLE WITH DUAL MAST ARM
2	EA	SOIL TEST
12	CY	DRILLED PIER FOUNDATION (14-2)
2	EA	MAST ARM WITH METAL POLE DESIGN
16	EA	SIGN FOR SIGNALS
5	EA	LED BLANKOUT SIGN
5	EA	SIGNAL CABINET FOUNDATION
5	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
23	EA	DETECTOR CARD (TYPE 2070L)
5	EA	CABINET BASE EXTENDER
1	EA	TRAFFIC SIGNAL REMOVAL
175	LF	GENERIC SIGNAL ITEM 2" RIGID METALLIC CONDUIT

Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM AT STA***** (9404+63.64 -M1-)
Lump Sum	LS	GENERIC STRUCTURE ITEM 4" DIAMETER SIGNAL CONDUIT SYSTEM AT STA 9404+63.64 -M1-
Lump Sum	LS	GENERIC STRUCTURE ITEM SELF-LUBRICATING EXPANSION BEARING ASSEMBLIES
327.5	LF	GENERIC STRUCTURE ITEM METAL FENCE & HANDRAIL
468	SY	GENERIC STRUCTURE ITEM 1" ASPHALT PLANKING PROTECTIVE COURSE FOR DECK
513	SY	GENERIC STRUCTURE ITEM MEMBRANE LAYER WATERPROOFING FOR DECK
50	SY	GENERIC STRUCTURE ITEM TWO-PART MEMBRANE WATERPROOFING SYSTEM

**WALL ITEMS**

1,300	SF	MSE RETAINING WALL NO **** (A)
1,450	LF	GENERIC RETAINING WALL ITEM CONC BARRIER WITH MOMENT SLAB

**STRUCTURE ITEMS**

Lump Sum	LS	TEMPORARY RAILROAD SHORING FOR BENT ***, STATION ***** (ABUT 1, 9404+63.64 -M1-)
Lump Sum	LS	TEMPORARY RAILROAD SHORING FOR BENT ***, STATION ***** (ABUT 2, 9404+63.64 -M1-)
Lump Sum	LS	TEMPORARY RAILROAD SHORING FOR BENT ***, STATION ***** (PIER 1, 9404+63.64 -M1-)
Lump Sum	LS	TEMPORARY RAILROAD SHORING FOR BENT ***, STATION ***** (PIER 2, 9404+63.64 -M1-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (PIER 1, 9404+23.91 -M1-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (PIER 2, 9404+88.19 -M1-)
4	EA	PDA TESTING
4,656	SF	REINFORCED CONCRETE DECK SLAB
398.7	CY	CLASS AA CONCRETE (BRIDGE)
64,286	LB	REINFORCING STEEL (BRIDGE)
4,295	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
369,169	LS	APPROX ..... LBS STRUCTURAL STEEL
Lump Sum	LS	PAINTING OF STRUCTURAL STEEL
9,060	LF	HP12X53 STEEL PILES
422	SY	METHOD B DAMPPROOFING
254.8	LF	1'-***X ***** CONCRETE PARAPET (1'-0" X 2'-1")
355	SY	4" SLOPE PROTECTION

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L131015 019****CONTRACT ID : C203442 45825.3.1****DIV OFFICE NORTH WILKESBORO****LENGTH = 4.000 MI****COUNTY : SURRY****MILLING AND RESURFACING.****DBE GOAL 5.0% COMPLETION DATE : JUN 13 2014****I-77 FROM MM-95 TO MM-99.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
800	CY	BORROW EXCAVATION
16	SMI	SHOULDER RECONSTRUCTION
112,640	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
24,542	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,448	TON	ASPHALT BINDER FOR PLANT MIX
400	TON	PATCHING EXISTING PAVEMENT
84,480	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
190	SF	GENERIC TRAFFIC CONTROL ITEM WORK ZONE ADVANCE/GENERAL WARNING SIGNING
95,040	LF	PAINT PAVEMENT MARKING LINES (4")
95,040	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
530	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
5.8	ACR	SEEDING & MULCHING

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 020

CONTRACT ID : C203446

11CR.10031.21

DIV OFFICE NORTH WILKESBORO

LENGTH = 20.220 MI

COUNTY : ALLEGHANY, ASHE

RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 5.0% COMPLETION DATE : JUN 27 2014

US-21 FROM SR-1206 TO US-221, NC-194 FROM NC-88 TO SR-1644, NC-88 FROM NC-194 TO SR-1304 &amp; 8 SECTIONS OF SECONDARY RDS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
4,044	CY	BORROW EXCAVATION
600	TON	INCIDENTAL STONE BASE
40.44	SMI	SHOULDER RECONSTRUCTION
4,015	SY	INCIDENTAL MILLING
17,020	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
6,225	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,437	TON	ASPHALT BINDER FOR PLANT MIX
830	TON	PATCHING EXISTING PAVEMENT
8	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
80	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
2,381.68	SF	GENERIC TRAFFIC CONTROL ITEM WORK ZONE ADVANCE/GENERAL WARNING SIGNING
850,545	LF	PAINT PAVEMENT MARKING LINES (4")
840	LF	PAINT PAVEMENT MARKING LINES (8")
284	LF	PAINT PAVEMENT MARKING LINES (24")
16	EA	PAINT PAVEMENT MARKING CHARAC- TER
29	EA	PAINT PAVEMENT MARKING SYMBOL
1,134	EA	SNOWPLOWABLE PAVEMENT MARKERS
14.49	ACR	SEEDING & MULCHING
50	LF	PAVED TRENCHING (*****) (2, 2")
50	LF	UNPAVED TRENCHING (*****) (2, 2")
360	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE (*****) (14-2)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L131015 021

CONTRACT ID : C203445 11CR.10141.21

DIV OFFICE NORTH WILKESBORO

LENGTH = 24.860 MI

COUNTY : CALDWELL, WILKES

MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

MBE GOAL 2.0% WBE 5.0% COMPLETION DATE : JUN 27 2014

1 SECTION OF US-321, 1 SECTION OF US-64, 1 SECTION OF US-421, AND 11 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,568	CY	BORROW EXCAVATION
395	TON	INCIDENTAL STONE BASE
15.68	SMI	SHOULDER RECONSTRUCTION
58,177	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
800	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1")
37,292	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 3")
3,325	SY	INCIDENTAL MILLING
1,995	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
24,060	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
4,870	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4,910	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
2,197	TON	ASPHALT BINDER FOR PLANT MIX
200	TON	PATCHING EXISTING PAVEMENT
31	EA	ADJUSTMENT OF MANHOLES
19	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
600	HR	LAW ENFORCEMENT
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL
1,494	SF	GENERIC TRAFFIC CONTROL ITEM WORK ZONE ADVANCE/GENERAL WARNING SIGNING
688,777	LF	PAINT PAVEMENT MARKING LINES (4")
210,896	LF	PAINT PAVEMENT MARKING LINES (6")
3,016	LF	PAINT PAVEMENT MARKING LINES (8")
1,267	LF	PAINT PAVEMENT MARKING LINES (24")
32	EA	PAINT PAVEMENT MARKING CHARAC- TER
589	EA	PAINT PAVEMENT MARKING SYMBOL
250	EA	PERMANENT RAISED PAVEMENT MARKERS
1,705	EA	SNOWPLOWABLE PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
5.7	ACR	SEEDING & MULCHING
300	LF	PAVED TRENCHING (*****) (2, 2")
200	LF	UNPAVED TRENCHING (*****) (2, 2")
6	EA	JUNCTION BOX (STANDARD SIZE)
2,812	LF	INDUCTIVE LOOP SAWCUT
700	LF	LEAD-IN CABLE (*****) (14-2)

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 022

CONTRACT ID : C203036 35022.3.FD1

DIV OFFICE SYLVA

LENGTH = 1.420 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : APR 13 2017

SR-1184 (HOWELL MILL RD) FROM US-276 TO US-23 BUS.

ROADWAY ITEMS					
			10	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
Lump Sum	LS	MOBILIZATION	2.6	CY	PIPE COLLARS
Lump Sum	LS	CONSTRUCTION SURVEYING	1.23	CY	PIPE PLUGS
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	90	CY	FLOWABLE FILL
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	86	EA	MASONRY DRAINAGE STRUCTURES
113,000	CY	UNCLASSIFIED EXCAVATION	11.4	LF	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (67+27.56)	7	EA	FRAME WITH TWO GRATES, STD 840.16
500	CY	UNDERCUT EXCAVATION	11	EA	FRAME WITH TWO GRATES, STD 840.24
48,000	CY	BORROW EXCAVATION	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
290	CY	DRAINAGE DITCH EXCAVATION	29	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
240	LF	BERM DITCH CONSTRUCTION	25	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
12,170	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT	2	EA	FRAME WITH COVER, STD 840.54
370	SY	BREAKING OF EXISTING ASPHALT PAVEMENT	1	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET
7	HR	PROOF ROLLING	260	LF	***X*** CONCRETE CURB (8" X 18")
500	CY	SELECT GRANULAR MATERIAL, CLASS III	170	LF	***X*** CONCRETE CURB (9" X 18")
14,265	SY	GEOTEXTILE FOR SOIL STABILIZATION	14,320	LF	2'-6" CONCRETE CURB & GUTTER
3,200	SF	TEMPORARY SHORING	4,800	SY	4" CONCRETE SIDEWALK
1,915	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	40	EA	CONCRETE CURB RAMP
4,240	SY	FOUNDATION CONDITIONING GEOTEXTILE	360	SY	6" CONCRETE DRIVEWAY
4,222	LF	15" RC PIPE CULVERTS, CLASS III	140	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
928	LF	18" RC PIPE CULVERTS, CLASS III	70	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
668	LF	24" RC PIPE CULVERTS, CLASS III	290	SY	GENERIC PAVING ITEM 8" CONCRETE TRUCK APRON
568	LF	30" RC PIPE CULVERTS, CLASS III	3	EA	ADJUSTMENT OF MANHOLES
60	LF	36" RC PIPE CULVERTS, CLASS III	262.5	LF	STEEL BM GUARDRAIL
312	LF	15" RC PIPE CULVERTS, CLASS IV	5	EA	ADDITIONAL GUARDRAIL POSTS
32	LF	*** CS PIPE CULVERTS, ***** THICK (54", 0.109")	6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
324	LF	15" CS PIPE CULVERTS, 0.064" THICK	4	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
188	LF	18" CS PIPE CULVERTS, 0.064" THICK	400	LF	TEMPORARY STEEL BM GUARDRAIL
7	EA	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350
3	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	370	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")
395	LF	PIPE REMOVAL	181	LF	GENERIC FENCING ITEM TEMPORARY CHAIN LINK FENCE, 72" FABRIC
Lump Sum	LS	FINE GRADING	18	EA	GENERIC FENCING ITEM TEMPORARY METAL LINE POSTS FOR 72" CHAIN LINK FENCE
6,000	TON	CLASS IV SUBGRADE STABILIZATION	2	EA	GENERIC FENCING ITEM TEMPORARY METAL TERMINAL POSTS FOR 72" CHAIN LINK FENCE
500	TON	STABILIZER AGGREGATE	13	TON	RIP RAP, CLASS I
870	TON	AGGREGATE BASE COURSE	100	TON	RIP RAP, CLASS B
2,500	TON	INCIDENTAL STONE BASE	4,250	SY	GEOTEXTILE FOR DRAINAGE
8,850	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	5	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
4,630	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	422	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
6,760	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	27	EA	SIGN ERECTION, TYPE E
1,020	TON	ASPHALT BINDER FOR PLANT MIX	4	EA	SIGN ERECTION, TYPE F
70	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
385	LF	GENERIC PAVING ITEM PEDESTRIAN SAFETY RAIL	31	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
168	CY	SUBDRAIN EXCAVATION	1,567	SF	WORK ZONE SIGNS (STATIONARY)
84	CY	SUBDRAIN FINE AGGREGATE	512	SF	WORK ZONE SIGNS (PORTABLE)
500	LF	6" PERFORATED SUBDRAIN PIPE	330	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
1	EA	SUBDRAIN PIPE OUTLET	1	EA	FLASHING ARROW BOARD
6	LF	6" OUTLET PIPE	6	EA	PORTABLE CHANGEABLE MESSAGE SIGN
15	TON	BLOTTING SAND	416	EA	DRUMS

			3,325	TON	SEDIMENT CONTROL STONE
			30	ACR	TEMPORARY MULCHING
			750	LB	SEED FOR TEMPORARY SEEDING
70	EA	CONES	5	TON	FERTILIZER FOR TEMPORARY SEEDING
392	LF	BARRICADES (TYPE III)	3,500	LF	TEMPORARY SLOPE DRAINS
9,600	HR	FLAGGER	1,200	LF	SAFETY FENCE
4	EA	TEMPORARY CRASH CUSHIONS	6,500	CY	SILT EXCAVATION
4	EA	RESET TEMPORARY CRASH CUSHION	60,500	SY	MATTING FOR EROSION CONTROL
1	EA	TMA	60	SY	COIR FIBER MAT
400	LF	PORTABLE CONCRETE BARRIER	750	SY	PERMANENT SOIL REINFORCEMENT MAT
400	LF	RESET PORTABLE CONCRETE BARRIER	4,200	LF	1/4" HARDWARE CLOTH
300	HR	LAW ENFORCEMENT	220	LF	*** TEMPORARY PIPE (15")
120	EA	SKINNY DRUM	30	EA	SPECIAL STILLING BASINS
463	EA	TEMPORARY RAISED PAVEMENT MARKERS	500	LF	COIR FIBER WATTLE
2,054	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	900	LB	POLYACRYLAMIDE (PAM)
8,768	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	1,215	LF	COIR FIBER BAFFLE
132	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	5	EA	*** SKIMMER (1-1/2")
203	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	25	ACR	SEEDING & MULCHING
52	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)	12.5	ACR	MOWING
182	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	300	LB	SEED FOR REPAIR SEEDING
3	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	1	TON	FERTILIZER FOR REPAIR SEEDING
60	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	575	LB	SEED FOR SUPPLEMENTAL SEEDING
2,332	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	17.25	TON	FERTILIZER TOPDRESSING
166,560	LF	PAINT PAVEMENT MARKING LINES (4")	205	LF	IMPERVIOUS DIKE
744	LF	PAINT PAVEMENT MARKING LINES (24")	10	MHR	SPECIALIZED HAND MOWING
30	EA	PAINT PAVEMENT MARKING CHARACTER	100	EA	RESPONSE FOR EROSION CONTROL
101	EA	PAINT PAVEMENT MARKING SYMBOL	2	ACR	REFORESTATION
5,700	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	0.2	ACR	STREAMBANK REFORESTATION
360	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	6	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
32	EA	PERMANENT RAISED PAVEMENT MARKERS	3,550	LF	SIGNAL CABLE
167	EA	SNOWPLOWABLE PAVEMENT MARKERS	11	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
10	LF	*** WATER LINE (1")	5	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
62	LF	*** WATER LINE (1-1/4")	2	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
402	LF	2" WATER LINE	130	LF	PAVED TRENCHING (***** (1, 2"))
21	LF	4" WATER LINE	1,320	LF	UNPAVED TRENCHING (***** (1, 2"))
82	LF	6" WATER LINE	455	LF	DIRECTIONAL DRILL (***** (3, 2"))
262	LF	8" WATER LINE	13	EA	JUNCTION BOX (STANDARD SIZE)
2,790	LF	10" WATER LINE	10	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)
1,308	LF	12" WATER LINE	2,110	LF	INDUCTIVE LOOP SAWCUT
4	EA	2" VALVE	5,550	LF	LEAD-IN CABLE (***** (14-2))
1	EA	4" VALVE	7	EA	METAL POLE WITH SINGLE MAST ARM
2	EA	6" VALVE	7	EA	SOIL TEST
2	EA	8" VALVE	105	CY	DRILLED PIER FOUNDATION
4	EA	10" VALVE	7	EA	MAST ARM WITH METAL POLE DESIGN
3	EA	12" VALVE	1	EA	SIGN FOR SIGNALS
2	EA	1" AIR RELEASE VALVE	1	EA	TYPE II PEDESTAL WITH FOUNDATION
15	EA	RELOCATE WATER METER	2	EA	SIGNAL CABINET FOUNDATION
2	EA	RECONNECT WATER METER	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
2	EA	RELOCATE FIRE HYDRANT	19	EA	DETECTOR CARD (TYPE 2070L)
2,231	LF	ABANDON 6" UTILITY PIPE	2	EA	CABINET BASE EXTENDER
110	LF	ABANDON 8" UTILITY PIPE	3	EA	METAL POLE FOUNDATION REMOVAL
211	LF	ABANDON 10" UTILITY PIPE	3	EA	METAL POLE REMOVAL
1,357	LF	ABANDON 12" UTILITY PIPE	7	EA	GENERIC SIGNAL ITEM
54	LF	16" ENCASEMENT PIPE			POWDER GREEN COATING FOR SINGLE MAST ARM WITH METAL POLE
60	LF	18" ENCASEMENT PIPE			
12.5	LF	TRENCHLESS INSTALLATION OF 8" IN SOIL			
12.5	LF	TRENCHLESS INSTALLATION OF 8" NOT IN SOIL			
1	EA	GENERIC UTILITY ITEM	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (14+25.00-L-)
		RELOCATE EXISTING WATER VAULT	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (24+21.50-L-)
211	LF	GENERIC UTILITY ITEM	Lump Sum	LS	CULVERT EXCAVATION, STA ***** (84+01.60-L-)
		10" WATER LINE WITH TEMPORARY BYPASS	337	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
299	LF	GENERIC UTILITY ITEM	415.6	CY	CLASS A CONCRETE (CULVERT)
		BURIED POWER DUCT	46,348	LB	REINFORCING STEEL (CULVERT)
367	LF	GENERIC UTILITY ITEM	92	TON	RIP RAP, CLASS ** (I)
		BURIED TELECOMMUNICATIONS DUCT			
6,800	LF	TEMPORARY SILT FENCE			
2,350	TON	STONE FOR EROSION CONTROL, CLASS A			
4,000	TON	STONE FOR EROSION CONTROL, CLASS B			

### CULVERT ITEMS



**WALL ITEMS**

114	SF	SEGMENTAL GRAVITY RETAINING WALLS
820	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 1
1,415	SF	GENERIC RETAINING WALL ITEM MSE RETAINING WALL NO 2

**STRUCTURE ITEMS**

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (67+29.11-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (67+29.11-L-)
285.84	LF	***.**" DIA DRILLED PIERS IN SOIL (5'-6")
226	LF	***.**" DIA DRILLED PIERS NOT IN SOIL (5'-6")
107.49	LF	PERMANENT STEEL CASING FOR ***.**" DIA DRILLED PIER (5'-6")
1	EA	SID INSPECTIONS
1	EA	SPT TESTING
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (67+29.11-L-)
23,133	SF	REINFORCED CONCRETE DECK SLAB
18,755	SF	GROOVING BRIDGE FLOORS
620.3	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (67+29.11-L-)
123,480	LB	REINFORCING STEEL (BRIDGE)
35,630	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
3,144.64	LF	54" PRESTRESSED CONCRETE GIR- DERS
505	LF	HP12X53 STEEL PILES
526.47	LF	TWO BAR METAL RAIL
518.67	LF	THREE BAR METAL RAIL
534.87	LF	1'-***"X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
105.48	LF	*** CHAIN LINK FENCE (120")
106.18	LF	*** CHAIN LINK FENCE (72")
335	SY	4" SLOPE PROTECTION
329	TON	RIP RAP, CLASS B
365	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM POWERLINE CONDUIT AND HANGER SYSTEM
Lump Sum	LS	GENERIC STRUCTURE ITEM TELECOMMUNICATIONS CONDUIT AND HANGER SYSTEM

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 023

CONTRACT ID : C203249 38537.3.FD1

DIV OFFICE SYLVA

LENGTH = 0.296 MI

COUNTY : HENDERSON

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 9.0% COMPLETION DATE : DEC 15 2015

BRIDGE #113 OVER TAZEWELL CREEK AND #38 OVER CLEAR CREEK ON SR-1574.

ROADWAY ITEMS

				4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
Lump Sum	LS	MOBILIZATION		600	LF	TEMP *** WOVEN WIRE FENCE, COMPLETE W/POSTS (48")
Lump Sum	LS	CONSTRUCTION SURVEYING				
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (13+56.18 -L-)		350	LF	GENERIC FENCING ITEM TEMP 5 STRAND BARBED WIRE FENCE WITH POSTS
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (17+77.10 -L-)		200	TON	RIP RAP, CLASS I
Lump Sum	LS	GRADING		65	TON	RIP RAP, CLASS A
	2	ACR	SUPPLEMENTARY CLEARING & GRUB-BING	7	TON	RIP RAP, CLASS B
	1,200	CY	UNDERCUT EXCAVATION	1,790	SY	GEOTEXTILE FOR DRAINAGE
	225	CY	DRAINAGE DITCH EXCAVATION	127	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
	200	CY	SELECT GRANULAR MATERIAL	2	EA	SIGN ERECTION, TYPE D
	200	SY	GEOTEXTILE FOR SOIL STABILIZATION	4	EA	SIGN ERECTION, TYPE E
	561	SF	TEMPORARY SHORING	14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
	110	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	221	SF	WORK ZONE SIGNS (STATIONARY)
	320	SY	FOUNDATION CONDITIONING GEOTEXTILE	309	SF	WORK ZONE SIGNS (PORTABLE)
	172	LF	15" DRAINAGE PIPE	66	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
	72	LF	18" DRAINAGE PIPE	73	EA	DRUMS
	292	LF	24" DRAINAGE PIPE	20	EA	CONES
	52	LF	48" DRAINAGE PIPE	392	LF	BARRICADES (TYPE III)
	3	EA	*** DRAINAGE PIPE ELBOWS (15")	4,080	HR	FLAGGER
	1	EA	*** DRAINAGE PIPE ELBOWS (18")	2	EA	TEMPORARY CRASH CUSHIONS
	236	LF	15" SIDE DRAIN PIPE	450	LF	PORTABLE CONCRETE BARRIER
	40	LF	18" RC PIPE CULVERTS, CLASS IV	20	EA	SKINNY DRUM
	56	LF	*** CS PIPE CULVERTS, ***** THICK (60", 0.138")	120	EA	TEMPORARY RAISED PAVEMENT MARKERS
	192	LF	PIPE REMOVAL	28,722	LF	PAINT PAVEMENT MARKING LINES (4")
	300	CY	SHALLOW UNDERCUT	44	EA	SNOWPLOWABLE PAVEMENT MARKERS
	250	TON	CLASS IV SUBGRADE STABILIZATION	3,150	LF	TEMPORARY SILT FENCE
	1,000	TON	AGGREGATE BASE COURSE	360	TON	STONE FOR EROSION CONTROL, CLASS A
	140	TON	INCIDENTAL STONE BASE	545	TON	STONE FOR EROSION CONTROL, CLASS B
	134	GAL	PRIME COAT	430	TON	SEDIMENT CONTROL STONE
	1,115	SY	INCIDENTAL MILLING	5	ACR	TEMPORARY MULCHING
	1,130	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	250	LB	SEED FOR TEMPORARY SEEDING
	650	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
	940	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	400	LF	TEMPORARY SLOPE DRAINS
	140	TON	ASPHALT BINDER FOR PLANT MIX	700	LF	SAFETY FENCE
	1,370	SY	ASPHALT SURFACE TREATMENT, STRAIGHT SEAL	870	CY	SILT EXCAVATION
	67.2	CY	SUBDRAIN EXCAVATION	7,600	SY	MATTING FOR EROSION CONTROL
	300	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	400	SY	COIR FIBER MAT
	50.4	CY	SUBDRAIN COARSE AGGREGATE	300	SY	PERMANENT SOIL REINFORCEMENT MAT
	300	LF	6" PERFORATED SUBDRAIN PIPE	520	LF	1/4" HARDWARE CLOTH
	2	EA	SUBDRAIN PIPE OUTLET	75	SY	FLOATING TURBIDITY CURTAIN
	12	LF	6" OUTLET PIPE	6	EA	SPECIAL STILLING BASINS
	4.43	CY	PIPE COLLARS	270	LF	WATTLE
	8	EA	MASONRY DRAINAGE STRUCTURES	120	LB	POLYACRYLAMIDE (PAM)
	3	EA	FRAME WITH TWO GRATES, STD 840.24	145	LF	COIR FIBER BAFFLE
	5	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	*** SKIMMER (1-1/2")
	530	LF	SHOULDER BERM GUTTER	5.25	ACR	SEEDING & MULCHING
	1,575	LF	STEEL BM GUARDRAIL	2.5	ACR	MOWING
	15	EA	ADDITIONAL GUARDRAIL POSTS	100	LB	SEED FOR REPAIR SEEDING
	10	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)	0.5	TON	FERTILIZER FOR REPAIR SEEDING
	8	EA	GUARDRAIL ANCHOR UNITS, TYPE III	125	LB	SEED FOR SUPPLEMENTAL SEEDING
	37.5	LF	TEMPORARY STEEL BM GUARDRAIL	3.5	TON	FERTILIZER TOPDRESSING
	4	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)	20	MHR	SPECIALIZED HAND MOWING
				43	EA	RESPONSE FOR EROSION CONTROL
				0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (13+56.18-L-)
----------	----	--

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (17+77.10-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+56.18-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (17+77.10-L-)
133	LF	PILE EXCAVATION IN SOIL
30	LF	PILE EXCAVATION NOT IN SOIL
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (13+56.18-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (17+77.10-L-)
83.8	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+56.18-L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+77.10-L-)
10,724	LB	REINFORCING STEEL (BRIDGE)
870	LF	HP12X53 STEEL PILES
195	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
379.58	LF	TWO BAR METAL RAIL
280.25	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" x 1'-11 1/4")
130	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" x 1'-11 3/4")
255	TON	RIP RAP CLASS II (2'-0" THICK)
282	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,255	LF	3'-0" X 2'-0" PRESTRESSED CONC CORED SLABS
35.33	LF	GENERIC STRUCTURE ITEM 3'-0" x 2'-6" PRESTR CONC BENT CAPS

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L131015 024

CONTRACT ID : C203194 46138.3.FS1

DIV OFFICE SYLVA

LENGTH = 4.856 MI

COUNTY : HAYWOOD

GRADING, DRAINAGE, PAVING, AND MEDIAN GUARDRAIL.

DBE GOAL 11.0% COMPLETION DATE : SEP 15 2014

US-74 FROM EXIT 98 IN HAYWOOD COUNTY TO WEST OF JACKSON COUNTY LINE.

ROADWAY ITEMS					
			40	HR	LAW ENFORCEMENT
			24	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	MOBILIZATION	66,065	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GRADING	1	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
19,000	SY	GEOTEXTILE FOR SOIL STABILIZATION			
200	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	52,684	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
630	SY	FOUNDATION CONDITIONING GEOTEXTILE	290	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1,788	LF	15" RC PIPE CULVERTS, CLASS IV	1	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
32	LF	15" CS PIPE CULVERTS, 0.064" THICK	317	EA	SNOWFLOWABLE PAVEMENT MARKERS
48	LF	18" CS PIPE CULVERTS, 0.064" THICK	100	LF	TEMPORARY SILT FENCE
8	LF	24" CS PIPE CULVERTS, 0.064" THICK	520	TON	SEDIMENT CONTROL STONE
4	LF	30" CS PIPE CULVERTS, 0.079" THICK	1	ACR	TEMPORARY MULCHING
466	LF	GENERIC PIPE ITEM 15" CURED-IN-PLACE PIPE	50	LB	SEED FOR TEMPORARY SEEDING
1,698	LF	GENERIC PIPE ITEM 18" CURED-IN-PLACE PIPE	0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
234	LF	GENERIC PIPE ITEM 24" CURED-IN-PLACE PIPE	200	LF	TEMPORARY SLOPE DRAINS
143	LF	GENERIC PIPE ITEM 30" CURED-IN-PLACE PIPE	5,000	SY	MATTING FOR EROSION CONTROL
131	LF	GENERIC PIPE ITEM 36" CURED-IN-PLACE PIPE	2,580	LF	1/4" HARDWARE CLOTH
936	LF	PIPE REMOVAL	1	ACR	SEEDING & MULCHING
9,250	CY	SHALLOW UNDERCUT	12	EA	RESPONSE FOR EROSION CONTROL
18,600	TON	CLASS IV SUBGRADE STABILIZATION			
7,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
7,300	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
4,100	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
570	TON	ASPHALT BINDER FOR PLANT MIX			
47	EA	MASONRY DRAINAGE STRUCTURES			
5	LF	MASONRY DRAINAGE STRUCTURES			
10	EA	FRAME WITH TWO GRATES, STD 840.16			
1	EA	FRAME WITH TWO GRATES, STD 840.20			
36	EA	FRAME WITH TWO GRATES, STD 840.29			
7	EA	CONCRETE TRANSITIONAL SECTION FOR DROP INLET			
11,350	LF	SHOULDER BERM GUTTER			
1,700	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
24	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
7,275	LF	STEEL BM GUARDRAIL			
14,675	LF	STEEL BM GUARDRAIL, DOUBLE FACED			
10	EA	ADDITIONAL GUARDRAIL POSTS			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77			
2,169	LF	REMOVE EXISTING GUARDRAIL			
928	SF	WORK ZONE SIGNS (STATIONARY)			
347	SF	WORK ZONE SIGNS (PORTABLE)			
2	EA	FLASHING ARROW BOARD			
4	EA	PORTABLE CHANGEABLE MESSAGE SIGN			
612	EA	DRUMS			
240	DAY	FLAGGER			
2	EA	TMA			
20,695	LF	PORTABLE CONCRETE BARRIER			
33,900	LF	RESET PORTABLE CONCRETE BARRIER			

